

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3971	((405/229,231-233,237-240,243,245, 248,249,251-253,256,271) or (175/57) or (73/84,784)).CCLS.	USPAT; USOCR	OR	OFF	2005/05/07 12:52
L2	2855	((405/229,231-233,237-240,243,245, 248,249,251-253,256,271) or (175/57) or (73/84,784)).CCLS.	USPAT	OR	OFF	2005/05/07 12:52
S1	20	("5978749") or ("5622453") or ("5608169") or ("5423633") or ("5249892") or ("5066168") or ("4966498") or ("4770256") or ("4738568") or ("4730954") or ("4657441") or ("4637758") or ("4605339") or ("4314615") or ("4165198") or ("3869003") or ("3685302") or ("3638433") or ("6688815") or ("6425713").PN.	USPAT; USOCR	OR	OFF	2004/08/04 16:00
S2	1	("6354766").PN.	USPAT; USOCR	OR	OFF	2004/08/03 17:47
S3	3	(US-4165198-\$ or US-4605339-\$ or US-4657441-\$).did.	USPAT	OR	OFF	2004/08/04 16:00
S4	8	("0228467"   "1110284"   "1290412"   "2022194"   "2874547"   "3331455"   "3384188"   "3633688").PN.	USPAT	OR	OFF	2004/08/04 16:01
S5	6	"4657441".URPN.	USPAT	OR	OFF	2004/08/04 16:01
S6	8	("1449032"   "3113436"   "3496729"   "3685302"   "3805535"   "4063423"   "4070867"   "4249837").PN.	USPAT	OR	OFF	2004/08/04 16:02
S7	6	"4605339".URPN.	USPAT	OR	OFF	2004/08/04 16:04
S8	4	("3316723"   "3385070"   "3543525"   "3973408").PN.	USPAT	OR	OFF	2004/08/04 16:04
S9	5	"4165198".URPN.	USPAT	OR	OFF	2004/08/04 16:05
S10	5	"4165198".URPN.	USPAT	OR	OFF	2004/08/04 16:06
S11	12	("3638433"   "3685302"   "4091661"   "4314615"   "4605339"   "4730954"   "4770256"   "5145285"   "5249892"   "5608169"   "5622453"   "5978749").PN.	USPAT	OR	OFF	2004/08/04 16:07
S12	1	"6354766".URPN.	USPAT	OR	OFF	2004/08/04 16:09
S13	6	("0947548"   "1764948"   "2917979"   "3073124"   "3256790"   "3909149").PN.	USPAT	OR	OFF	2004/08/04 16:10
S14	3	"1764948".URPN.	USPAT	OR	OFF	2004/08/04 16:11
S15	2	"3073124".URPN.	USPAT	OR	OFF	2004/08/04 16:12
S16	1001213	pile piling pier column shaft	USPAT	OR	ON	2004/08/04 16:31

S17	803375	((pile piling pier column shaft) and (hollow core shell case casing tube pipe piping))	USPAT	OR	ON	2004/08/04 16:46
S18	534422	((pile piling pier column shaft) and (hollow core shell case casing tube pipe piping)) and (vibrate vibration vibrating vibrated move moving raise raising raised lift lifted lifting)	USPAT	OR	ON	2004/08/04 16:48
S19	305653	(((pile piling pier column shaft) and (hollow core shell case casing tube pipe piping)) and (vibrate vibration vibrating vibrated move moving raise raising raised lift lifted lifting)) and (increment incrementally stage stages stepped lateral laterally lifts)	USPAT	OR	ON	2004/08/05 10:08
S20	615	((((pile piling pier column shaft) and (hollow core shell case casing tube pipe piping)) and (vibrate vibration vibrating vibrated move moving raise raising raised lift lifted lifting)) and (increment incrementally stage stages stepped lateral laterally lifts)) and (compact compacted compaction densify densification)) and "405"/\$.ccls.	USPAT	OR	ON	2004/08/05 10:18
S21	1481	((((pile piling pier column shaft) and (hollow core shell case casing tube pipe piping)) and (vibrate vibration vibrating vibrated move moving raise raising raised lift lifted lifting)) and (increment incrementally stage stages stepped lateral laterally lifts)) and (compact compacted compaction densify densification)) and ("405"/\$.ccls. "73"/\$.ccls.)	USPAT	OR	ON	2004/08/05 10:29
S22	110542	((((pile piling pier column shaft) and (hollow core shell case casing tube pipe piping)) and (vibrate vibration vibrating vibrated move moving raise raising raised lift lifted lifting)) and (increment incrementally stage stages stepped lateral laterally lifts)) and (soil earth ground substrate subsurface foundation)	USPAT	OR	ON	2004/08/05 10:24

S23	83146	(((((pile piling pier column shaft) and (hollow core shell case casing tube pipe piping)) and (vibrate vibration vibrating vibrated move moving raise raising raised lift lifted lifting)) and (increment incrementally stage stages stepped lateral laterally lifts)) and (soil earth ground substrate subsurface foundation)) and (drive driving driven push pushed pushing vibrate vibration vibrating vibrator)	USPAT	OR	ON	2004/08/05 10:25
S24	30400	(((((pile piling pier column shaft) and (hollow core shell case casing tube pipe piping)) and (vibrate vibration vibrating vibrated move moving raise raising raised lift lifted lifting)) and (increment incrementally stage stages stepped lateral laterally lifts)) and (soil earth ground substrate subsurface foundation)) and (drive driving driven push pushed pushing vibrate vibration vibrating vibrator)) and (aggregate fill filler particulate cement concrete slurry)	USPAT	OR	ON	2004/08/05 10:28
S25	7635	((((((pile piling pier column shaft) and (hollow core shell case casing tube pipe piping)) and (vibrate vibration vibrating vibrated move moving raise raising raised lift lifted lifting)) and (increment incrementally stage stages stepped lateral laterally lifts)) and (soil earth ground substrate subsurface foundation)) and (drive driving driven push pushed pushing vibrate vibration vibrating vibrator)) and (aggregate fill filler particulate cement concrete slurry)) and (compact compacted compaction densify densification)	USPAT	OR	ON	2004/08/05 10:28
S26	620	((((((pile piling pier column shaft) and (hollow core shell case casing tube pipe piping)) and (vibrate vibration vibrating vibrated move moving raise raising raised lift lifted lifting)) and (increment incrementally stage stages stepped lateral laterally lifts)) and (soil earth ground substrate subsurface foundation)) and (drive driving driven push pushed pushing vibrate vibration vibrating vibrator)) and (aggregate fill filler particulate cement concrete slurry)) and (compact compacted compaction densify densification)) and ("405"/\$.ccls. "73"/\$.ccls. "175"/\$.ccls.)	USPAT	OR	ON	2004/08/05 11:36

S27	3	("3293863"   "4376598"   "5004373").PN.	USPAT	OR	OFF	2004/08/05 10:42
S28	4	"5181797".URPN.	USPAT	OR	OFF	2004/08/05 10:42
S29	4	("1443306"   "1501643"   "2627169"   "3913337").PN.	USPAT	OR	OFF	2004/08/05 11:25
S30	7	"3975917".URPN.	USPAT	OR	OFF	2004/08/05 11:26
S31	12	fox-nathaniel\$.in.	USPAT	OR	ON	2004/08/05 11:37
S32	23	("3638433"   "3685302"   "3869003"   "4091661"   "4165198"   "4314615"   "4605339"   "4637758"   "4657441"   "4730954"   "4738568"   "4770256"   "4966498"   "5066168"   "5145285"   "5249892"   "5423633"   "5608169"   "5622453"   "5645376"   "5978749"   "6354766"   "6354768").PN.	USPAT	OR	OFF	2004/08/05 11:37
S33	2818	((405/229,231-233,237-240,243,245, 248,249,251-253,256,271) or (175/57) or (73/84,784)).CCLS.	USPAT; USOCR	OR	OFF	2005/05/07 12:52
S34	1	("1501643").PN.	USPAT; USOCR	OR	OFF	2004/08/05 11:53
S35	2668	(((405/229,231-233,237-240,243,245, 248,249,251-253,256,271) or (175/57) or (73/84,784)).CCLS.) not (((((((pile piling pier column shaft) and (hollow core shell case casing tube pipe piping)) and (vibrate vibration vibrating vibrated move moving raise raising raised lift lifted lifting)) and (increment incrementally stage stages stepped lateral laterally lifts)) and (soil earth ground substrate subsurface foundation)) and (drive driving driven push pushed pushing vibrate vibration vibrating vibrator)) and (aggregate fill filler particulate cement concrete slurry)) and (compact compacted compaction densify densification)) and ("405"/\$.ccls. "73"/\$.ccls. "175"/\$.ccls. ))	USPAT	OR	OFF	2004/08/05 12:04
S36	12	((("1764948") or ("1501643") or ("3073124") or ("3685302") or ("3960008") or ("3975917") or ("4165198") or ("4605339") or ("4657441") or ("5181797") or ("5249892") or ("re35715")).PN.	USPAT; USOCR	OR	OFF	2004/08/05 12:24
S37	5	(((("1764948") or ("1501643") or ("3073124") or ("3685302") or ("3960008") or ("3975917") or ("4165198") or ("4605339") or ("4657441") or ("5181797") or ("5249892") or ("re35715")).PN.) and (vibrat\$)	USPAT	OR	OFF	2004/08/05 12:25

S38	1	("4657441").PN.	USPAT; USOCR	OR	OFF	2004/08/05 14:07
S39	2	(("6688815") or ("6425713")).PN.	USPAT; USOCR	OR	OFF	2004/08/05 15:26
S40	1	("6354766").PN.	USPAT; USOCR	OR	OFF	2004/08/05 15:26
S41	2	(("6688815") or ("6354766")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/05 16:46
S42	12	("3638433"   "3685302"   "4091661"   "4314615"   "4605339"   "4730954"   "4770256"   "5145285"   "5249892"   "5608169"   "5622453"   "5978749"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/05 16:47